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(54) PRODUCTION OF CONCENTRATED LIGNOCELLULOSIC SUBSTANCE SOLUTION

(57)Abstract:

PURPOSE: To obtain the title solution within a short time by a simple operation in good efficiency by dissolving a lignocellulosic substance in an organic solvent under specified conditions.

CONSTITUTION: A dissolution operation comprising dissolving a lignocellulosic substance (e.g. wood flour) in an organic solvent (e.g. phenol or a phenol/sulfonic acid mixture) in a concentration ≤ 30 wt.% and adding an additional amount of the lignocellulosic substance to this solution to gradually increase the concentration of the solution to an extent within the range of 2-15wt.% is repeated at least once.